Europäisches Patentamt
European Patent Office
Office européen des brevets

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 88 70 13

Classification of the application (IPC):
A61B 17/22, ***A61B 17/225***, *A61B 34/20, A61N 7/00, A61B 17/00, A61B 90/00*

Technical fields searched (IPC):
A61B, A61N

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014046339 A1 (BONUTTTI PETER M [US]) 13 February 2014 (2014-02-13) * abstract *; figures 1-4, 17-18 * * paragraphs [0008] - [0010], [0038] - [0042], [0103], [0108] - [0109] *	1, 7, 8, 12-15
X	WO 2013119662 A1 (UNIV CORNELL [US]; ANGIODYNAMICS [US]) 15 August 2013 (2013-08-15) * abstract *; figures 1A-1B * * paragraph [0040] *	1, 8, 12-15
X A	EP 2528653 A1 (COOK MEDICAL TECHNOLOGIES LLC [US]) 05 December 2012 (2012-12-05) * abstract *; figures 2, 9, 2c, 5-6 * * paragraphs [0043], [0046], [0049] - [0050] *	1-6, 8-14 7, 15
A	US 2007276217 A1 (BROWN PETER S [US] ET AL) 29 November 2007 (2007-11-29) * abstract *; figures 1,2 * * page 6, lines 3-17 *	1

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	27 November 2020	Macaire, Stéphane

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons
& : member of the same patent family, corresponding document

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

EP 3 720 370 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Europäisches Patentamt
European Patent Office
Office européen des brevets

ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 88 70 13

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 27-11-2020
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014046339 A1	13-02-2014	AT 492236 T	15-01-2011
		CA 2580784 A1	30-03-2006
		EP 1799136 A2	27-06-2007
		US 2006064082 A1	23-03-2006
		US 2014046339 A1	13-02-2014
		US 2014336545 A1	13-11-2014
		US 2017027595 A1	02-02-2017
		US 2017027596 A1	02-02-2017
		US 2020222069 A1	16-07-2020
		WO 2006034306 A2	30-03-2006
WO2013119662 A1	15-08-2013	*NONE*	
EP 2528653 A1	05-12-2012	EP 2528653 A1	05-12-2012
		US 2013023802 A1	24-01-2013
		WO 2011094379 A1	04-08-2011
US 2007276217 A1	29-11-2007	AU 758038 B2	13-03-2003
		CA 2335917 A1	06-01-2000
		EP 1091787 A1	18-04-2001
		US 2002040184 A1	04-04-2002
		US 2003105382 A1	05-06-2003
		US 2007276217 A1	29-11-2007
		WO 0000252 A1	06-01-2000

EP 3 720 370 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.